

Date: Thu, 27 May 93 14:59:45 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #649
To: Info-Hams

Info-Hams Digest Thu, 27 May 93 Volume 93 : Issue 649

Today's Topics:

 Anyone need a Yaesu FT-727R Manual?
 Austin 2m/70cm dual band antenna (was:ant for Caravan)
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 New type of QSL?
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 Request for MIMP and JVFAX programs
 Touch Tone Frequencies
 xrays and ht's

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thursday, 27 May 1993 12:55:54 EDT
From: usc!sol.ctr.columbia.edu!hamblin.math.byu.edu!yvax.byu.edu!cunyvml
ahrjj@network.UCSD.EDU
Subject: Anyone need a Yaesu FT-727R Manual?
To: info-hams@ucsd.edu

I sold my Yaesu FT-727R (first generation dual-bander) at Dayton, but the operating manual was buried in a box I just unearthed. If anyone has a need for it, and/or the one page instructions/schematic for the NC-15 desk-top charger that I used with the radio, I will be happy to send it/them along to you, gratis.

If you're interested, please mail me directly (address below). Do not reply to the newsgroup.

First come, first served. :)

By the way, while I was at Dayton, I replaced the 727 with a Standard C528A... While it's sort of tough to program at first, it is a nice little radio. :)

73 - Alex, KA2Z00

Normal disclaimers apply. | Alex Rudd - KA2Z00
/---\ / | | John Jay College of Criminal Justice
|---| / | | City University of New York
| | / | | (212) 875-6274
| | / |___|. 24 Pct. | AHRJJ@CUNYVM.cuny.edu

Date: 27 May 93 19:33:11 GMT
From: usc!howland.reston.ans.net!europa.eng.gtefsd.com!eddie.mit.edu!
magnesium.club.cc.cmu.edu!pitt.edu!dsinc!gvls1!rossi@network.UCSD.EDU
Subject: Austin 2m/70cm dual band antenna (was:ant for Caravan)
To: info-hams@ucsd.edu

In article <9304277385.AA738529038@sceng.UB.com> bourque@sceng.UB.COM
(Bourque_David) writes:

>
>NO PROBLEM. I have a Chevy Full size Blazer that I park in a garage daily.
>Sitting on top is an Austin 500C dual band antenna. Every morning I back
>out of the garage. The antenna makes noise as it brushes against the door
>and then again as it goes by the wooden door frame. Every evening I do
>the opposite. I've been doing this daily for 2 years now. No problems
>with the Austin. From the top of my Blazer to the wooden garage door
>frame I have 7 inches of clearance. I wouldn't worry in the least about
>a 16 inch clearance. Wish I had that much. The 500C has a spring loaded
>base that allows all of this to happen.

I used to do something like this years ago when I parked my car in a garage.

I was using a trunk mounted 5/8 wave at the time. It would flex over and the upper few inches would rub against the garage door. No problem. It worked great 99.999999% of the time --- until one day the end of the wip decided to get caught in the garage door lock mechanism. It sort of pulled the base of the 5/8 wave apart as I backed out that day. Luckily I was able to put everything back together.

=====

Pete Rossi - WA3NNA

rossi@VFL.Paramax.COM

Paramax Systems Corporation - a Unisys Company
Valley Forge Engineering Center - Paoli, Pennsylvania

=====

Date: Thu, 27 May 1993 18:25:37 GMT
From: news.mentorg.com!mbutts!mbutts@uunet.uu.net
Subject: Balanced feedline (was:G5RV)
To: info-hams@ucsd.edu

Thanks to all who have posted and emailed me on this. I think I'm converging onto center-fed flattop with balanced 450-ohm ladder line all the way down to my tuner.

Howard Lester suggested using PVC pipe instead of dryer vent for the feed through the wall, and using slotted and sealed PVC end caps rather than foam. Sounds good to me. My shack (walk-in-closet) has no window, and I own the wall.

My question is how long to make the flattop. Zack Lau at ARRL says 86 feet is a 'magic' length good for 20 meters. Gary Coffman says 105 feet is a 'classic' length for a center-fed flattop. Why? I don't see the wavelength relationships for either.

Also, if the feedline is balanced and I'm using a balanced tuner, does the feedline length really matter, as some seem to think? Or does it only matter if the feed or match is unbalanced.

By the way, my tuner's schematic (AEA Econotuner) shows a center-tap-grounded inductor with the balanced feedline across the whole thing and the single-ended connection to the rest of the tuner and rig connected to one end.

Thanks again and 73 de KC7IT.

--

Mike Butts mbutts@qcktrn.com Research Engineering Mgr. 503-685-1302
Quickturn Systems, Inc., 8005 SW Boeckman Road, Wilsonville, Oregon 97070

My opinions are my own, and aren't necessarily shared by Quickturn Systems.

Date: Thu, 27 May 1993 17:08:35 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
ux1.cso.uiuc.edu!sdd.hp.com!hp-cv!hp-pcd!hpspkla!dubner@network.UCSD.EDU
Subject: Call Sign Server, Where?
To: info-hams@ucsd.edu

Mike Brand (mike@cronos.mcs.com) wrote:

: Hello,
: I know there is at least one Call Sign Server on the Internet
: unfortunately I have lost the address. Does anyone have any
: addresses for a Call Sign Server? You can either post here or
: send in a e-mail message to "mike@cronos.mcs.com". THANKS

Mike,

I know of two accessible by mail: callbook@sat.datapoint.com and
callbook@n8emr.cmhnet.org. Unfortunately both use fairly old (outdated)
callsign record databases.

FWIW,

- To access the on-line callbook server run by N7IQH by e-mail:
mailx callbook@sat.datapoint.com
subject is empty
lookup <callsign> [<callsign> . . .]
or help
- To access the on-line callbook server run by N8EMR by e-mail:
mailx callbook@n8emr.cmhnet.org
subject is empty
REPLY dubner@spk.hp.com (optional, depending on mailer)
CALL <callsign> [<callsign>] . . .]

There's also an on-line callsign server accessible by telnet:
telnet callsign.cs.buffalo.edu 2000 or electra.cs.buffalo.edu 2000
help

73,
Joe, K7JD

Joe Dubner K7JD | Hewlett-Packard Company | dubner@spk.HP.COM
 | PO Box 2500 M.S. 2I |
 | Spokane, WA 99220-2500 | (509) 921-3514

Date: Thu, 27 May 93 18:48:09 GMT
From: usc!math.ohio-state.edu!zaphod.mps.ohio-state.edu!darwin.sura.net!
bogus.sura.net!news-feed-1.peachnet.edu!umn.edu!gaia.ucs.orst.edu!sequent!
muncher.sequent.com!dale@network.UCSD.EDU
Subject: Can non-ve still give novice test?
To: info-hams@ucsd.edu

In a recent posting someone mentioned that until recently General and above could give Novice tests. I knew that Novice tests were being pulled under the administration of VEs, but am not clear on effective date. I did call the local (Portland, Or.) FCC office and they told me that it hadn't taken place yet -- this was early May as I recall. What is the status? Can non-VEs still give Novice test (assuming General or higher class)?

73, Dale.

--

dale@sequent.com OR uunet!sequent!dale
Dale Mosby 503-578-9842 N7PEX // Sequent Computer Systems, Inc.
15450 SW Koll Parkway // Beaverton, Or. 97006-6063

Date: Thu, 27 May 1993 19:11:26 GMT
From: netcomsv!netcom.com!richgr@decwrl.dec.com
Subject: Chain letter; Scam?
To: info-hams@ucsd.edu

Has anybody else received a chain letter asking that \$1 be sent to the first name and put yours last etc etc?
The letter starts off "Hello, my name is David Ross",
and the number 1 name is James Dibley of Muncie IN
with a PO box address. nrs 2-5 have street addresses.
With it were some "endorsement" letters.

I suspect a scam because the way it was addressed contains an error, and the only place where my address contains that error is my amateur radio license.

I called the local postal inspectors, and they are interested. I am sending the letter and envelope to them.

--

Rich Greenberg Work: ETi Solutions, Oceanside CA 619-631-5280
N6LRT Play: richgr@netcom.com 310-649-0238
I speak for myself only. Canines: Chinook & Husky

Date: 27 May 1993 21:32:19 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!sgiblab!sgigate!odin!
fido.asd.sgi.com!babylon.wpd.sgi.com!beacker@network.UCSD.EDU
Subject: Copyright Violation
To: info-hams@ucsd.edu

>Database. So, if one simply sends someone else information like:
>
>KK6JQ E Dana H. Myers 45129 Biscay St. Lancaster, CA 93535
>
>who is to know where I got it? Did I copy it out of the Callbook
>(which is a copyright violation)? Did I copy it out of the Database
>I got from the US Govt (not a copyright violation)?

Even if it were known that you got this out of the Callbook, I believe that common sense would allow this to fall under "Fair Use". doctrine. Even copying one page could probably fall under the same situation, especially since this is the typical minimum copy size.

Now copying all of the 'F' pages would probably cross this line and could be considered denying revenue to the copyright holder of the Callbook (RCBA). Though building up the same info from the electronic sources would be quite correct. This denial of revenue is usually where the copyright holder can get the most amount of monetary compensation from the violation.

Brad Eacker (beacker@sgi.com KB6FED)

Date: 27 May 1993 16:54:17 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
europa.eng.gtefsd.com!eddie.mit.edu!news.mtholyoke.edu!news.unomaha.edu!
crcnis1.unl.edu!djw@network.UCSD.EDU
Subject: Dayton Hamvention 1994
To: info-hams@ucsd.edu

Does anyone know the dates for the 1994 Dayton Hamvention?
I can receive mail at djw@unl.edu Thanks..
(Dan Wright-WA0JRD)

Date: 27 May 93 13:15:25 GMT
From: auratek!epacyna@uunet.uu.net
Subject: G5RV
To: info-hams@ucsd.edu

>>>Ed, You probably didn't know this but "G5RV" is a generic term

No I did not know this.

73's

Ed W1AAZ

P.S. However, did you mean as in a "noun" or "adj"?

Noun: Product without a brand name

Adj: Of a whole kind, class or group

Date: Thu, 27 May 93 16:55:20 GMT
From: netcomsv!netcom.com!netcomsv!weitek!johnm@decwrl.dec.com
Subject: Icom CI-IV->CI-V, ux-clone ?
To: info-hams@ucsd.edu

I have an IC-471/271 pair, and I want to use the latest CI-V computer interface with them. An option, the ux-14 is available from ICOM (\$70 apiece). Has anyone made up a clone of the ux-14 (parallel<->serial) that is available as a schematic, text.... anywhere....

Any help is gratefully received....

John Mcleod N6RCD.

Date: 27 May 93 17:57:11 GMT
From: news-mail-gateway@ucsd.edu
Subject: Looking for Computer swap list
To: info-hams@ucsd.edu

Hello,

I was wondering if some one could tell me if there is a list for people to want to buy or sell computer equipment? If so how can I subscribe? Please e-mail directly to me.

Thanks

Tom Jennings KV2X

jennings@abb.com

Date: 27 May 93 11:39:34 MST
From: usc!elroy.jpl.nasa.gov!news.claremont.edu!ucivax!news.service.uci.edu!
cerritos.edu!arizona.edu!violet.ccit.arizona.edu!lester@network.UCSD.EDU
Subject: MFJ-949E Deluxe 300 Watt Tuner?
To: info-hams@ucsd.edu

In article <9305270259.AA01594@ucsd.edu>, IQC109@uriacc.uri.edu (Ken Carr) writes:
> I may be considering an antenna tuner soon. The MFJ looks like a great
> buy since it has plenty of connections, cross-needle meter, dummy
> antenna, and can handle 300 watts (my Heath HW-101 only puts out 100 watts).
> Is the MFJ 949E a reliable unit? I'm sure someone has experience with it.
> Thanks for any info.

HAHAHAHAHAHAHAHA! Oh, sorry.... I have the 948 tuner, which is the same unit
without the dummy load. Sometimes I think *I* was the dummy to buy this.
Actually, I find the unit works well unless loading it with a very high
impedance. In those conditions, the balun heats up and the swr climbs, even
with 50 watts. What is considered a high impedance in this case? That's for me
to know...and for you to find out.

I'm in the process of building a new balun (a heftier one) to replace the one
inside the unit. In order to get a handle on what kind of material to get for
the core, I phoned MFJ. The fellow didn't seem to know (or care) what it is,
other than a "standard red". "Mine's gray...." I replied. "Is there any way to
find out what it is?" "You'd have to ask the engineer who designed it, and
there's no telling what state he's in by now.....We contract these out, and
it's up to whoever builds them...."
He seemed unable to tell me. He DID say that the core is just a "standard red".
I said "Mine is gray". "Is there any way to find out?" "You'd have to ask the

Date: Thu, 27 May 1993 00:05:42 EST
From: anomaly.sbs.com!kd1nr!news@uunet.uu.net
Subject: New call sign?
To: info-hams@ucsd.edu

Reese.Edwards@launchpad.unc.edu (Reese Edwards) writes:

>
>

>
>
>
>
>
>
> When a person upgrades from no-code tech to general, is a new call sign
> issued? thanks for your information on this.

You can change your callsign if you'd like, but you're still going to
get an N#xxx call or the appropriate Kx#xxx call.

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-----  
Tony Pelliccio kd1nr/ae      "Usenet is like a herd of performing elephants  
*!*!*!*!*!*!*!*!*!*!*      with diarrhea -- massive, difficult to  
system@garlic.sbs.com       redirect, awe-inspiring, entertaining, and a  
-----                       source of mind-boggling amounts of excrement  
                               when you least expect it."  --spaf (1992)
```

Date: Thu, 27 May 1993 17:31:38 GMT
From: nih-csl!helix.nih.gov!ramon@uunet.uu.net
Subject: New type of QSL?
To: info-hams@ucsd.edu

In article <9305270320.AA03121@ucsd.edu>, IQC109@uriacc.uri.edu (Ken Carr) writes:
|> I have a suggestion for a different kind of QSL.
|> Why not scan your present card (or better still capture a video frame
of
|> yourself in your shack, outside your home beside an antenna, etc.) and
send
|> the image in .GIF format on a floppy as confirmation of the contact.
You
|> could easily use a paint program to write all important info. on the
|> QSL. Those who are slightly handy with DOS could include a Sound
Blaster
|> compatible file with a short recorded hello. Also, when requesting
a
|> QSL you could send a short recording (on disk) of your reception of
the
|> station you are sending to. Your collection of QSL "cards" could be
|> displayed on your computer monitor as a slide show when the computer
is
|> not being used or you could use them as wallpaper in Microsoft
Windows.

|> I realize that all of this would not work for everyone, but I bet there
|> are many Mac & IBM Hams out there who might like to enhance their collection
|> this way.....Comments?

That's a good, but we need to get away from the "sneaker net" idea and think in terms of network picture exchanges. Down with the floppy!
Pretty soon
data networks will be used not only for data exchange but also for software distribution and even backups. How about this:
Write a program that will prompt you for the other station's data, (including E-Mail address) and will superimpose it on an image of your shack (or whatever). It then compresses it (JPEG) and sends it out as an E-mail message. Of course, if you have a Mac, you can use Quicktime with MPEG and you can even send a little motion video sequence.

BTW this system would also provide real-time automatic logging.

What data network? you say. Well, I didn't mention WHEN this would be possible....

Ramon

Ramon J. Hontanon, KE8SF
ramon@helix.nih.gov
CBER FDA, 8800 Rockville Pk. Bethesda, MD 20892
(301) 496 0718

Date: 27 May 1993 17:14:10 GMT
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!darwin.sura.net!haven.umd.edu!cville-srv.wam.umd.edu!ham@network.UCSD.EDU
Subject: Question: Can a novice take the extra test?
To: info-hams@ucsd.edu

> When my girlfriend took her no-code she had to take the novice portion
>twice. The VE (ARRL) made her pay another testing fee to retake the
>element. Is this the VE's decision or does the VEC send down the word on
>element retesting fees. Someone else said they had to retake another
>element and said they didn't charge him the testing fee twice.
>
>Dan

OOOHHHHH! That GETS me something AWFUL! I don't know if the ARRL VEC has brought ALL novice testing under the program, but:

I am a W5YI-VE, and I have done about 75 testing sessions, about 5 of which were with the Laurel (MD) VEC, which gives all exams for free.

W5YI charges for exams, but NEVER for Novice exams (implying elements 1A - 5 wpm, and 2 - Novice written exam). If somebody fails the NOVICE portion of the test, they should in no way be charged to retake it - they shouldn't even be charged in the first place, as (I say again)

THE NOVICE TEST IS STILL DEFINED AS A FREE EXAM

because it can still (or could until recently) be given by NON-VE's, who can't exactly charge.

Just 'cause one PLANS to take the Tech. test, and they fail the NOVICE exam on the way, there is no way that they should be double-charged.

In fact, W5YI allows its VE's to give ONE FREE RETEST of ANY failed element, at the discretion of the Examining Group. Not sure if that's a free retest per element or per Exam Session, but the provision is definitely there.

— —

73, ----- The
 \ / Long Original
 Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live \$5.00

WAC CW/SSB WAS 95% of the way to DXCC _____| Dipoles! Antenna!

Date: 28 May 93 07:09:13 +1000
From: munnari.oz.au!bunyip.cc.uq.oz.au!vd.seqeb.gov.au!bsc_graham@network.UCSD.EDU
Subject: Request for MIMP and JVFX programs
To: info-hams@ucsd.edu

Thanks to all who replied to my MIMP request.

I am still looking for:

JVFAX 5.1 (Is there such a version ????)

Can anyone direct me to where I can obtain a copy.

Thanks in advance

Inet replies to: bsc_graham@seqeb.gov.au

Graham Castledine
Design Officer - Radio
The South East Queensland Electricity Board
Brisbane, Queensland, Australia

Date: 27 May 93 19:48:07 GMT
From: optilink!brad@uunet.uu.net
Subject: Touch Tone Frequencies
To: info-hams@ucsd.edu

In article <C7nJy4.IMr@eis.calstate.edu>, jherndo@eis.calstate.edu (John Herndon) writes:

> dorsey@lila.com (Bill Dorsey) writes:
> > I need to know the touch tone frequencies corresponding to the digits
> > 0-9 and A-D for a project. Can anyone tell me what they are?
>
> 1 700 Hz + 900 Hz ...

Wrong. These are the old MF trunk signalling tones. Standard subscriber phone DTMF is:

1	697+1209
2	697+1336
3	697+1477
4	770+1209
5	770+1336
6	770+1477
7	852+1209
8	852+1336
9	852+1477
0	941+1336
*	941+1209
#	941+1477
A	697+1633
B	770+1633
C	852+1633
D	941+1633

Brad Yearwood brad@optilink.com {uunet, pyramid}!optilink!brad
Petaluma, CA

Date: 27 May 93 10:46:30 GMT
From: news-mail-gateway@ucsd.edu
Subject: xrays and ht's
To: info-hams@ucsd.edu

I agree, the security people - who realistically are mostly there for show - only know what they were told, "It won't hurt anything", and that is usually their stand. With my electronics, I usually aim for a quiet time, put it all aside in the hand inspect pile, and be as friendly and helpful in offering to demo it as I can. Usually works. When they say "It won't hurt the film" for the camera, I tell them I know that, but it will hurt the electronics - I used to be a failure analysis dude. Sometimes they just accept that (s'truth) and we man handle the gear until they are satisfied. Once or twice I have had to say "Look, we can take the friggin' thing apart with a screwdriver till you're satisfied it's what it purports to be, but an xray may kill it." and they were willing to peer inside the case. I don't think that will work many places, especially when busy, but I fly from a cow country airport where things are slow, and once I'm inside the gate here, I don't go outside the 'sanitized' areas in the hub airports.

I don't know what I'll do if push comes to shove someday. Probably just let them xray it, although if I had the time I might try to take it up a level or two. I do appreciate the effort to keep airplanes from going boom. But I really wish they would do it effectively instead of stupidly, by rote, and like a sieve. The FAA runs about 100 firearms through carry on luggage a year to check the system. They were getting a typical hit rate of about 3 percent last I read. Good security costs though. :-(

I believe all checked luggage gets solidly xrayed (though who knows if anyone looks at it) so don't put my electronics in there. Mostly its a computer, an ht, and sometimes a modem or qrp rig, all in one carry on. They recognise ht's and computers (though it would be trivial to make a nasty box that behaved like one) so there's not much problem with them. Anything weird they seem to want to run through the xray as if that will somehow 'decontaminate it'. Kinda funny, if it weren't so sad...

Kevin - WB2EMS

End of Info-Hams Digest V93 #649
